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1592 US PTOPlease type a plus sign (+) inside this box →

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

45256.00051.UTL1

First Inventor

William Owen Lovett et al.

Title

Method and Apparatus for Performing Lazy Byteswapping Optimizations During Program Code Conversion

Express Mail Label No.

FV324254816US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification
(preferred arrangement set forth below) [Total Pages 61]
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 17]
- Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: Grant Power of Attorney

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No. _____

Prior application information:

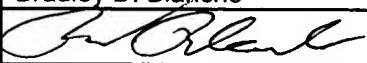
Examiner _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

| | | | |
|---|---------------------------------------|---|----------------|
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label | 36183 | or <input checked="" type="checkbox"/> Correspondence address below | |
| Name | Bradley D. Blanche | | |
| Address | Paul, Hastings, Janofsky & Walker LLP | | |
| | P.O. Box 919092 | | |
| City | San Diego | State | CA |
| Country | USA | Telephone | (714) 668-6255 |
| Zip Code | 92191-9092 | | |
| Fax | (714) 979-9695 | | |

| | | | |
|-------------------|---|-----------------------------------|------------------------|
| Name (Print/Type) | Bradley D. Blanche | Registration No. (Attorney/Agent) | 38,387 |
| Signature |  | | Date December 12, 2003 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$461.00)

Complete if Known

| | |
|----------------------|----------------------------|
| Application Number | To be Assigned |
| Filing Date | Herewith |
| First Named Inventor | William Owen Lovett et al. |
| Examiner Name | To be Assigned |
| Art Unit | To be Assigned |
| Attorney Docket No. | 45256.00051.UTL1 |

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

| | |
|------------------------|---------------------------------------|
| Deposit Account Number | 50-2613 |
| Deposit Account Name | Paul, Hastings, Janofsky & Walker LLP |

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|--------------|--------------|----------|----------|------------------------|----------|-----------------|----------|
| 1001 | 770 | 2001 | 385 | Utility filing fee | \$385.00 | | |
| 1002 | 340 | 2002 | 170 | Design filing fee | | | |
| 1003 | 530 | 2003 | 265 | Plant filing fee | | | |
| 1004 | 770 | 2004 | 385 | Reissue filing fee | | | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | | | |
| SUBTOTAL (1) | | | | (\$) | 385.00 | | |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | 24 | -20**= | Extra Claims | Fee from below | Fee Paid |
|--------------------|----|--------|--------------|----------------|----------|
| Independent Claims | 3 | -3**= | | | |
| Multiple Dependent | | | | | |

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
|--------------|--------------|----------|----------|--|----------|-----------------|
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 | | |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 | | |
| 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid | | |
| 1204 | 86 | 2204 | 43 | ** Reissue independent claims over original patent | | |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent | | |
| SUBTOTAL (2) | | | | (\$) | 36.00 | |

** or number previously paid, if greater; For Reissues, see above.

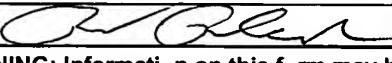
FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|-----------------------------------|--------------|----------|----------|--|----------|-----------------|-------------------|
| 1051 | 130 | 2051 | 65 | Surcharge – late filing fee or oath | | | |
| 1052 | 50 | 2052 | 25 | Surcharge – late provisional fee or cover sheet | | | |
| 1053 | 130 | 1053 | 130 | Non-English specification | | | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for <i>ex parte</i> reexamination | | | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for <i>ex parte</i> reexamination | | | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | | | |
| 1805 | 1,840* | 1805 | 1,840 | Requesting publication of SIR after Examiner action | | | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | | | |
| 1252 | 410 | 2252 | 205 | Extension for reply within second month | | | |
| 1253 | 930 | 2253 | 465 | Extension for reply within third month | | | |
| 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | | | |
| 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month | | | |
| 1401 | 320 | 2401 | 160 | Notice of Appeal | | | |
| 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | | | |
| 1403 | 280 | 2403 | 140 | Request for oral hearing | | | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | | | |
| 1452 | 110 | 2452 | 55 | Petition to revive – unavoidable | | | |
| 1453 | 1,300 | 2453 | 650 | Petition to revive – unintentional | | | |
| 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) | | | |
| 1502 | 470 | 2502 | 235 | Design issue fee | | | |
| 1503 | 630 | 2503 | 315 | Plant issue fee | | | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | | | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(g) | | | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | | | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | | | 40.00 |
| 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR 1.129(a)) | | | |
| 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37 CFR 1.129(b)) | | | |
| 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) | | | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | | | |
| Other fee (specify) _____ | | | | | | | |
| *Reduced by Basic Filing Fee Paid | | | | | | | SUBTOTAL (3) (\$) |
| | | | | | | | 40.00 |

SUBMITTED BY

(Complete if applicable)

| | | | | |
|-------------------|---|----------------------------------|--------|--------------------------|
| Name (Print/Type) | Bradley D. Blanche | Registration No (Attorney/Agent) | 38,387 | Telephone (714) 668-6255 |
| Signature |  | | | Date December 12, 2003 |

WARNING: Information on this form may be made public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

The collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UTILITY APPLICATION

UNDER 37 CFR 1.53(B)

TITLE: METHOD AND APPARATUS FOR PERFORMING LAZY BYTESWAPPING OPTIMIZATIONS DURING PROGRAM CODE CONVERSION

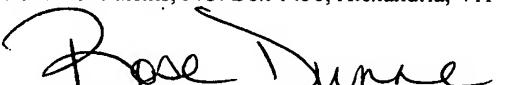
INVENTORS: William Owen Lovett
Alex Brown
Gavin Barraclough

Correspondence enclosed:

Utility Application Transmittal Sheet and FY 2003 Fee Transmittal Sheet (3 pgs.); Cover Sheet (1 pg.) Specification (61 pgs); Claims (6 pgs.); Drawings Figures 18 (17 pgs.); Abstract (1 pg.); Declaration (2 pgs.); Recordation Form Cover Sheet (1 pgs.); Original Assignment (4 pgs.); Grant of Power of Attorney (2 pgs.); and Return Postcard.

"EXPRESS MAIL" Mailing Label Number EV324254816US, Date of Deposit December 12, 2003. I hereby certify under 37 CFR § 1.10 that this correspondence (along with anything referred to as being attached or enclosed) is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: December 12, 2003


Rose Dunne